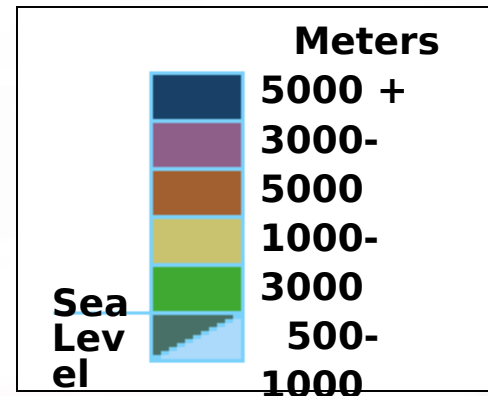


# POLAND



# POLAND: Environmental Issues

- Climate
- Topography



**Temperate with cold, cloudy, moderately severe winters with frequent precipitation; mild summers with frequent showers and thundershowers.**

**Terrain: mostly flat plain; mountains**

**along southern border**

***lowest point:* near Raczki Elblaskie -2 m**

***highest point:* Rysy 2,499 m**

# POLAND: Environmental Issues

- **Air**

- Severe air pollution
- Due to vehicle emissions and reliance on coal

- **Soil**

- Contamination of soil with metals, pesticides, and hydrocarbons is extensive
- Electric power generation, and the use of leaded fuel have led to widespread contamination of soil with a variety of toxic metals
- Pesticides and nearby industry have led to locally severe soil contamination, and previous military activities have led to hydrocarbon contamination of soil

# POLAND: Environmental Issues

- Food

- Lead detected in potatoes 5 times higher than WHO guideline
- Locally produced fruits and vegetables may be contaminated with metals from soil

## Water

- Emissions of pollutants from industrial and agricultural activities, combined with the discharge of untreated municipal and industrial sewage and wastewater, has degraded the quality of much of the surface water in Poland.
- Raw sewage
- Industrial waste



# **POLAND: Environmental Issues**

The greatest short-term health risks are associated with water contaminated by fecal pathogens from municipal or agricultural wastewater.

- The greatest long-term health risks are associated with localized air pollution in urban and industrial areas or water contaminated by chemicals from industrial or agricultural wastewater.

The background of the slide is a faded American flag, showing the stars and stripes. A red rectangular border is positioned around the title text.

# **POLAND:**

## **Diseases of Operational Importance**

- Diseases of high risk
  - Food- and water-borne:
    - Diarrhea (bacterial)
    - Hepatitis A
  - Vector-borne: Tick born encephalitis (TBE)



# **POLAND:**

## **Diseases of Operational Importance**

- Diseases of intermediate risk
  - Food and water-borne:
    - Tularemia
    - Typhoid / Paratyphoid fever
  - Vector Borne:
    - Lyme disease
    - Rickettsioses, tickborne (spotted fever group)\_
    - Sindbis (Ockelbo) virus
  - Sexually transmitted:
    - Gonorrhea
    - Chlamydia
    - HIV/AIDS



# **POLAND:**

## **Diseases of Operational Importance**

- Diseases of intermediate risk
  - Water Contact: Leptospirosis
  - Respiratory: Tuberculosis
  - Animal-contact
    - Anthrax
    - Q-fever
    - Rabies





# **POLAND:**

## **Diseases of Operational Importance**

- Diseases of low risk
  - Food and water-borne: Brucellosis
  - Respiratory: Meningococcal Meningitis
  - Sexually transmitted: Hepatitis B
  - Animal-contact: Hantavirus hemorrhagic fever with renal syndrome (HFRS)